

# **Loop 101:**

## **General Purpose Lane Widening Shea to the Loop 202**

Scottsdale Transportation Commission  
September 19, 2013

ADOT Project No. 101L MA 041 H8484; Federal Aid No. ID 101-B(NFA) ADOT Project No. 101L MA 046 H8499; Federal Aid No. ID 101-B(NFA)

# Welcome and Agenda

- ▶ Project Team
- ▶ Public Outreach
- ▶ Project Overview, History, Purpose
- ▶ Project Schedule
- ▶ Improvements
- ▶ Current Activity
- ▶ Traffic Management
- ▶ Additional Projects in Corridor

# Project Representatives

- ▶ **Ron McCally**  
Project Manger
- ▶ **Avi Schmerer**  
URS Design Consultant
- ▶ **Ahmad Omais**  
Kimley-Horn and Associates Design Consultant
- ▶ **Felicia Beltran**  
Senior Community Relations Officer

# Public Outreach for Design Phase

- ▶ Three public meetings
- ▶ Postcard and flyer distribution for City of Scottsdale and SRPMIC residences, business and schools, within the project area
- ▶ Website updates
- ▶ Targeted business outreach
- ▶ Additional stakeholder meetings, if requested

# Project Overview

- ▶ Project spans 11 miles  
(1.3 miles in City of Scottsdale)
- ▶ Project is from Shea Boulevard to SR 202L Interchange
- ▶ New general-purpose lanes will be constructed



# Project History

- ▶ Regional Transportation Plan (November 2004, Proposition 400)
- ▶ Design Concept Report (2007-2010) FDCR 2010
- ▶ Public Outreach (2008 Public Information Meetings, 2011 Commission)
- ▶ Environmental Document (2010, CE)
- ▶ Final Design (2012-2014)

# Project Purpose

- ▶ Improve freeway capacity
- ▶ Reduce congestion of future traffic volumes
- ▶ Improve traffic flow at Loop 202 to northbound Loop 101
- ▶ Implement Regional Transportation Plan

# Project Schedule





# Project Improvements

- ▶ Add one general-purpose lane in the SB direction from Shea Boulevard to McKellips Road
- ▶ Add one general-purpose lane in the NB direction from Shea Boulevard to McDowell Road
- ▶ Add two general-purpose lanes in the NB direction from McDowell Road to the SR101L/SR202L TI entrance ramp
- ▶ Add auxiliary lanes in each direction between Indian Bend Road and McDonald Drive
- ▶ Rubberized asphalt will be used on the widened roadway surfaces

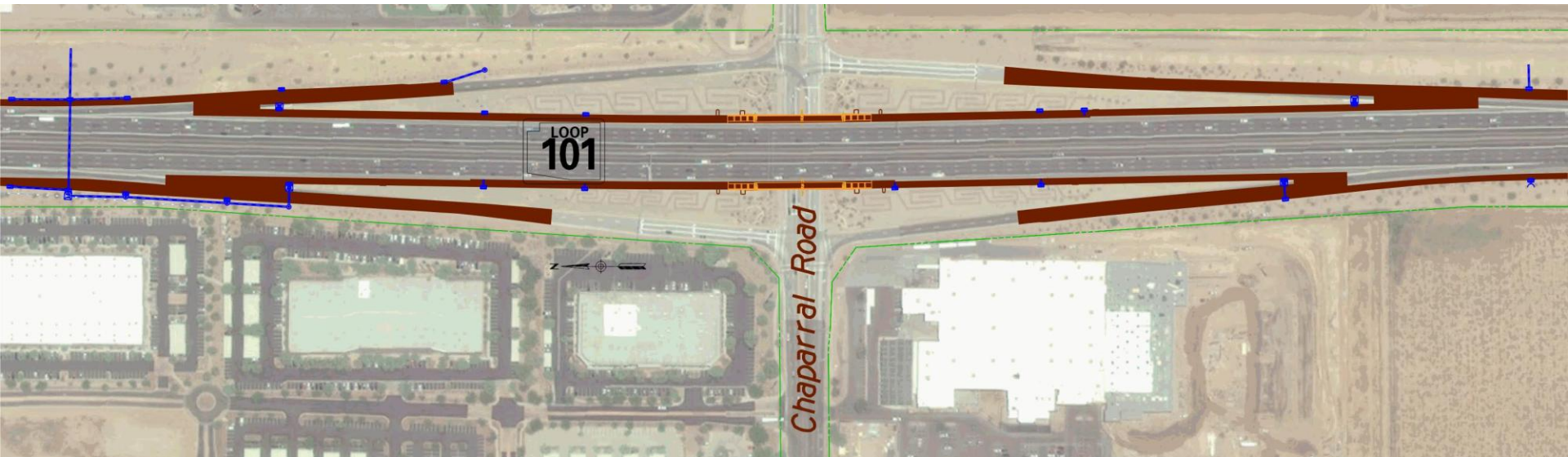
# Project Highlights – Typical Improvements

## ▶ Chaparral Road TI Improvements

Relocation of Catch Basins

Addition of Storm Drains

Landform Graphics Maintain Existing Theme

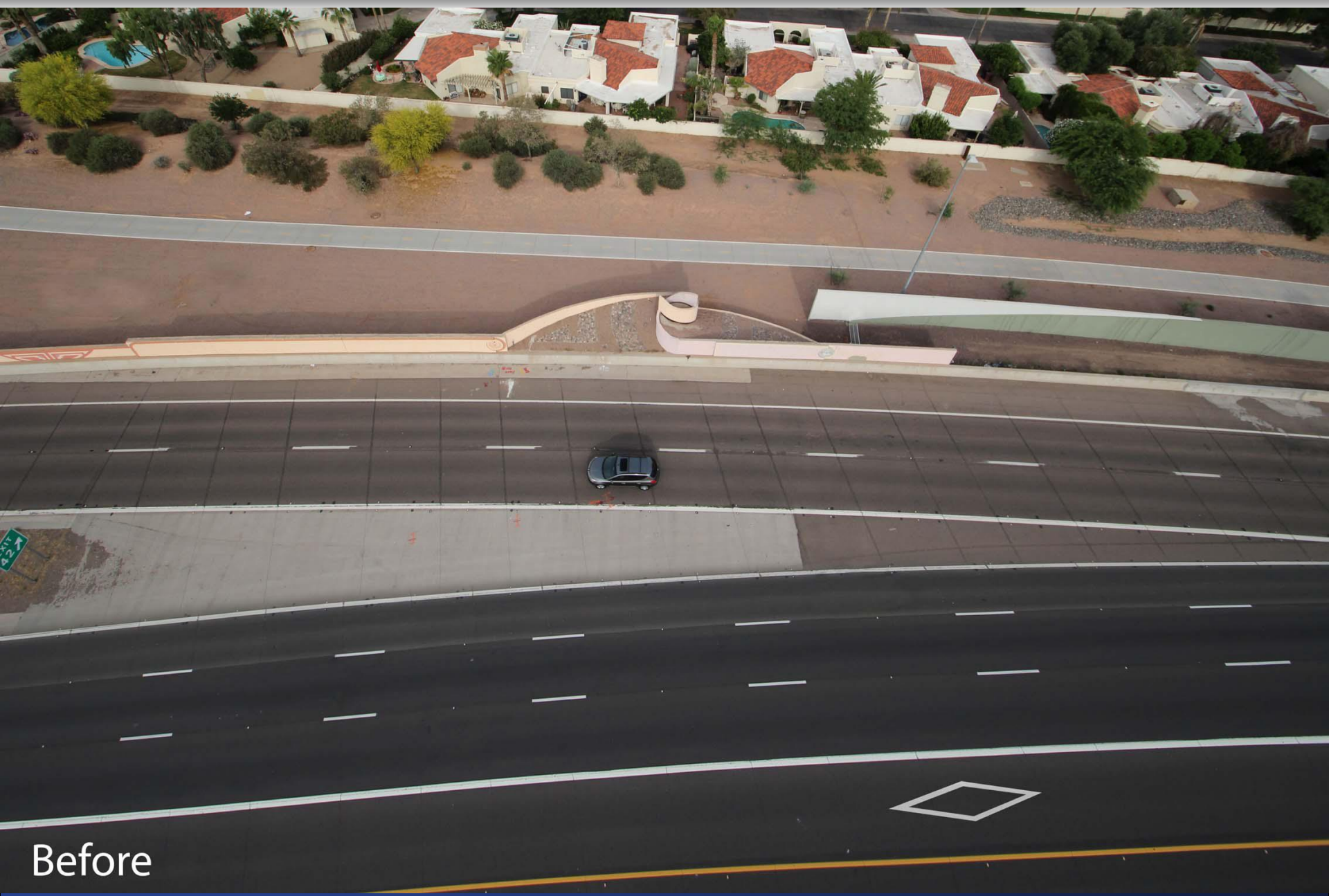


# Current Activity

## Stage IV Design (95%)

- ▶ Roadway
- ▶ Structural Design
- ▶ Drainage Design
- ▶ Traffic Analysis and Design
- ▶ Lighting
- ▶ Freeway Management System
- ▶ Utilities
- ▶ Environmental
- ▶ Aesthetics/Landscape





Before





After

# Transportation Management Plan

- ▶ Lays out a set of strategies for managing the work zone impacts to project
- ▶ Provides for safe mobility for traveling public and construction workers
- ▶ Compliments temporary traffic control plan
- ▶ Addresses traffic operations and public information



# FULL FREEWAY CLOSURES



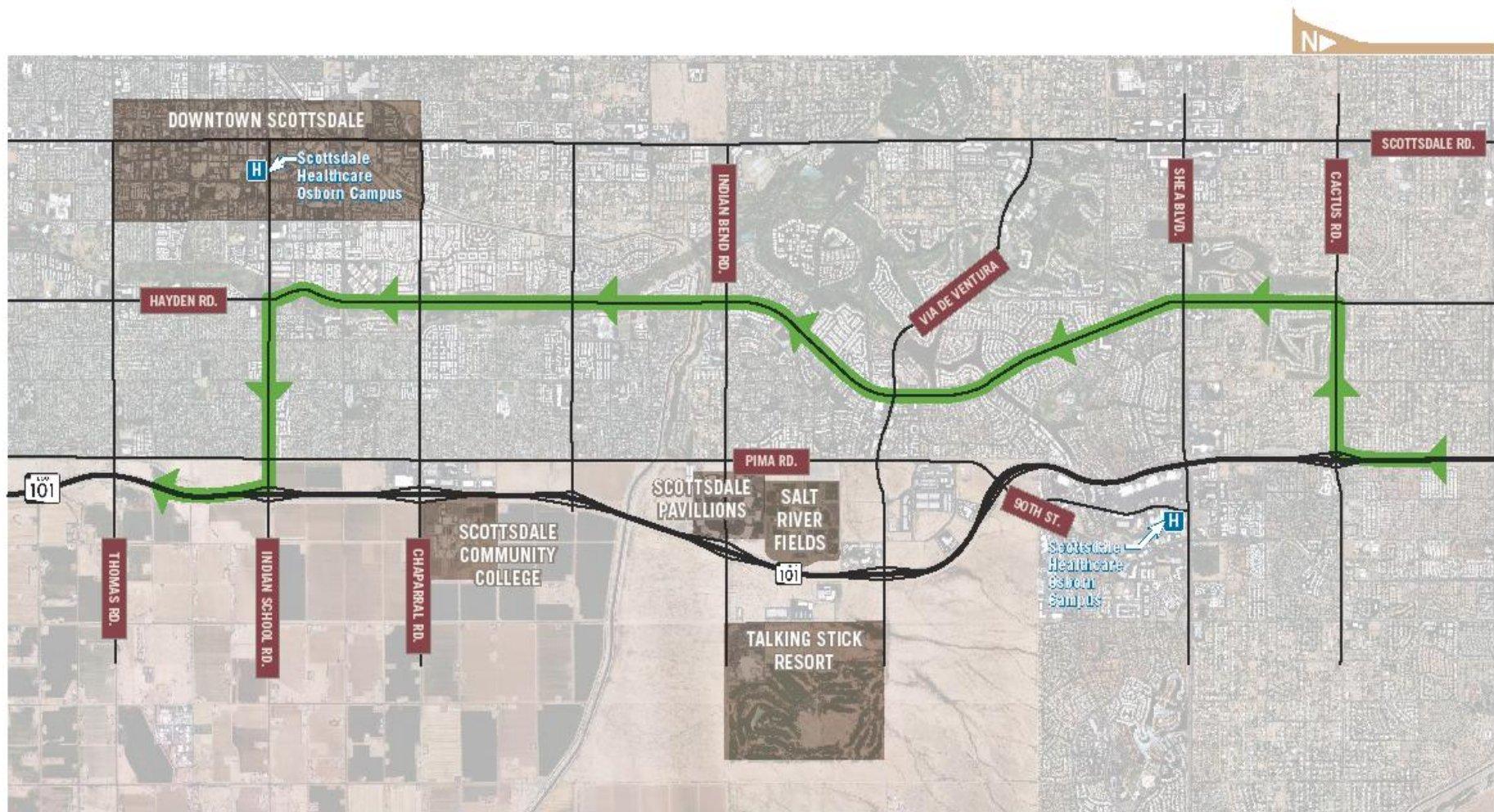
## GENERAL PURPOSE LANE

SR 101L - SHEA BLVD TO CHAPARRAL RD

CONTRACT NUMBER: 2012-019

DESIGN SERVICES

PROJECT NO. 101 MA 041 H6474 01C



### SOUTHBOUND FULL FREEWAY CLOSURES

KEY

Southbound

Northbound

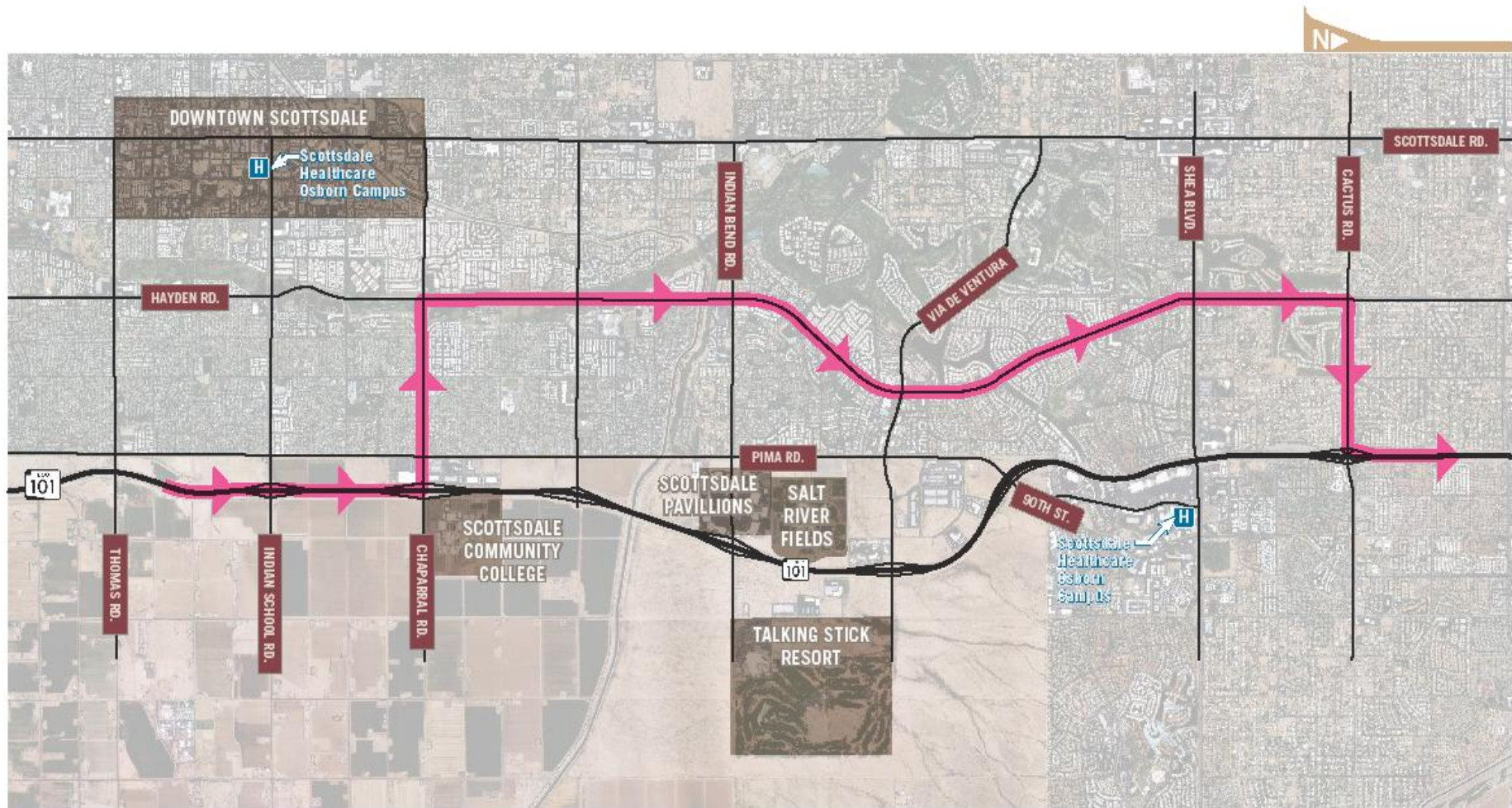


# FULL FREEWAY CLOSURES



## GENERAL PURPOSE LANE SR 101L – SHEA BLVD TO CHAPARRAL RD

CONTRACT NUMBER: 2012-019  
DESIGN SERVICES  
PROJECT NO. 101 MA 041 H6474 01C



### NORTHBOUND FULL FREEWAY CLOSURES

KEY  
█ Southbound  
█ Northbound



# Additional Projects in Corridor

- ▶ Loop 202 General-Purpose Lanes (Loop 101 to Gilbert Road) and HOV Lanes (Gilbert Road to Broadway Road) FY 2015 Construction
- ▶ Loop 101 General-Purpose Lanes (SR 51 to Princess Drive) - RTPFP Phase IV (2021-2025) Design and Construction
- ▶ Loop 101 General-Purpose Lanes (Shea Blvd. to Princess Drive) - RTPFP Phase IV (2021-2025) Design and Construction
- ▶ Loop 101/Princess Drive Traffic Interchange Preliminary Engineering/Environmental Study 2014

# **Loop 101: Shea Boulevard to Loop 202**

For more information visit [azdot.gov/Loop101pima](http://azdot.gov/Loop101pima),  
email [projects@azdot.gov](mailto:projects@azdot.gov) or call 855.712.8530

## **Thank you!**